

PROJECT TITLE : CIGARETTE DEVELOPMENT 5
PERIOD COVERED : SEPTEMBER 23 - OCTOBER 23, 1981
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Objective

- To establish a detailed study of our 1980 activities concerning "Marketing / Operations" and R & D projects.
- To study a system of planification which would enable each person concerned to know which things have to be done and when.

Results

No new developments can be reported this month.

Follow-up

The problems still pending will be studied with IBM since they have software for the GERT type of network. The Cigarette Data Bank will also be consulted as it may well be able to help us to solve these problems.

383 HELIUM

Objective

To produce a 100-mm cigarette with a total weight of less than 850 mg/cig.

Results

To objective was achieved with prototype 3 P. This prototype has a total weight of 824 mg, a compressibility of 3.59 mm, a puff count of 6.3 and a DPM of 9.3 mg. The blend has 60 % of Burley ETNA in a MLF blend and the other specifications are the same as those of the MLH cigarette.

Follow-up

By using a slow burning cigarette paper, we expect to increase the puff count.

We will try to perform a total expansion of a MLF blend. Should this not succeed, a MLF blend will be produced by substituting the different types of tobaccos by the ETNA counterparts (FC and Burley).

Objective

DPM : 14 mg/cig.

CO : lower than 10 mg/cig.

The other characteristics remaining, if possible, the same as those of MLF.

Results

Prototypes with Filtrona's COSTAR 2 filters were produced and we came out with a prototype having a DPM of 13 mg/cig., a CO of 4.9 mg/cig., a puff count of 11, a total RTD of 29 and a dilution of 60 %.

Another prototype has a DPM of 18.4 mg/cig., a CO of 9.8 mg, a puff count of 10.5, a total RTD of 39 and a dilution of 44 %.

Follow-up

Fast burning cigarette papers will be tested with the aim of decreasing the puff count and Filtrona will be asked to produce higher RTD segments on the COSTAR 2 filters.

J. DeBor

JHD/cap/OCTOBER 28, 1981

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